

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>NAKAI-008US</b>
INTERNATIONAL APPLICATION NO. <b>PCT/JP2004/016991</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/579327</b>
INTERNATIONAL FILING DATE <b>11/16/2004</b>		PRIORITY DATE CLAIMED <b>11/18/2003</b>
TITLE OF INVENTION <b>COMBUSTION GAS EXTRACTION PROBE AND COMBUSTION GAS TREATMENT METHOD</b>		
APPLICANT(S) FOR DO/EO/US <b>Shinichiro Saito, et al.</b>		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☒ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☒ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☒ A substitute specification.
16. ☒ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information:

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>U.S. APPLICATION NO. (if known, see 37 CFR 1.5)</b> <div style="font-size: 2em; font-weight: bold; text-align: center;">104519327</div> <div style="text-align: center;">UNKNOWN</div>		<b>INTERNATIONAL APPLICATION NO.</b> <div style="text-align: center;">PCT/JP2004/016991</div>		<b>ATTORNEY'S DOCKET NUMBER</b> <div style="text-align: center;">NAKAI-008US</div>											
<b>21. The following fees are submitted:</b> <input checked="" type="checkbox"/> a) Basic national fee..... \$300.00 <input checked="" type="checkbox"/> b) Examination fee..... \$200.00 <input type="checkbox"/> c) Search fee..... \$500.00 <div style="text-align: right; margin-top: 10px;"><b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b></div>				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">Applicant use</th> <th style="width:50%;">Office use only</th> </tr> <tr> <td>\$ 300</td> <td></td> </tr> <tr> <td>\$ 200</td> <td></td> </tr> <tr> <td>\$</td> <td></td> </tr> <tr> <td>\$ 500</td> <td></td> </tr> </table>		Applicant use	Office use only	\$ 300		\$ 200		\$		\$ 500	
Applicant use	Office use only														
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<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.															
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE												
- 100 =	/50 =		x \$250.00												
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$</td> <td style="width:50%;"></td> </tr> </table>		\$									
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CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$</td> <td style="width:50%;"></td> </tr> </table>		\$									
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Independent claims	- 3 =		x \$200.00	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$</td> <td style="width:50%;"></td> </tr> </table>		\$									
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MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$</td> <td style="width:50%;">\$360</td> </tr> </table>		\$	\$360								
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<b>TOTAL OF ABOVE CALCULATIONS =</b>				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$</td> <td style="width:50%;">\$860</td> </tr> </table>		\$	\$860								
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<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$</td> <td style="width:50%;">\$860</td> </tr> </table>		\$	\$860								
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<b>SUBTOTAL =</b>				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$</td> <td style="width:50%;">\$860</td> </tr> </table>		\$	\$860								
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Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$</td> <td style="width:50%;"></td> </tr> </table>		\$									
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<b>TOTAL NATIONAL FEE =</b>				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$</td> <td style="width:50%;">\$860</td> </tr> </table>		\$	\$860								
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Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$</td> <td style="width:50%;">0.00</td> </tr> </table>		\$	0.00								
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<b>Amount to be refunded:</b>				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;"></td> <td style="width:50%;">\$</td> </tr> </table>			\$								
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a. ☒ A check in the amount of \$ 860 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-4330. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Customer No. 0007663

**STETINA BRUNDA GARRED & BRUCKER**

75 Enterprise, Suite 250

Aliso Viejo, CA 92656

SIGNATURE

**Mark B. Garred**

NAME

34,823

REGISTRATION NUMBER

80/579527

1AP20 Rec'd PCT/PTO 16 MAY 2006

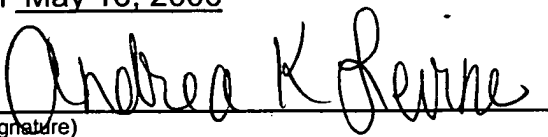
ATTORNEY DOCKET NO: NAKAI-008US  
TITLE: COMBUSTION GAS EXTRACTION PROBE AND COMBUSTION GAS  
TREATMENT METHOD

**Certificate of Mailing under 37 CFR 1.8 or 37 CFR 1.10**

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on May 16, 2006

  
(Signature)

Andrea K. Levine  
(Typed name of person signing certificate)

Note: Each paper must have its own certificate of mailing, or this  
certificate must identify each submitted paper.

1. Certificate of Mailing;
2. National Phase Transmittal (2 pages);
3. Preliminary Amendment (3 pages);
4. Substitute Clean Specification (14 pages);
5. Substitute Marked-up Specification (14 pages);
6. Drawings (3 pages);
7. Original English Translation of Specification (17 pages, including Claims and Abstract);
8. Amended Claims Under PCT Article 19 (2 pages);
9. Statement Under PCT Article 19;
10. International Publication (one page, double sided);
11. International Search Report;
12. International Application (19 pages);
13. Declaration (2 pages, unsigned);
14. Power of Attorney (unsigned);
15. A Check for \$860.00; and
16. Return Receipt Postcard